

Use Attainability Analysis

for

WBID 253 Davis Creek Ditch

Submitted by BWR

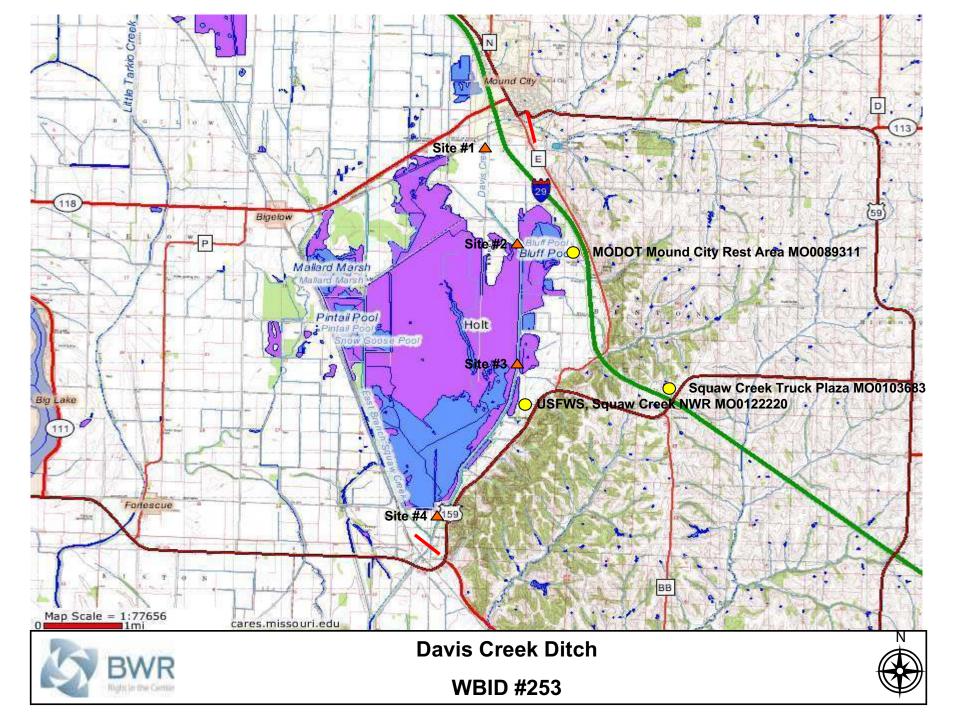
July 11, 2007

Submitted to:
Missouri Department of Natural Resources
Division of Environmental Quality
Water Protection Program

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

Water Body Name (from USGS 7	.5' quad): DAYIS DI	TEH CREEK (DAVIS CREEK DI	Tell)	
Missouri Water Body Identification	on (WBID) Number:	0253		
8-digit HUC: tothonos (0)	240005	County: HOLT		
Upstream Legal Description (from	n Table H): 6,61	N,38W		
Downstream Legal Description(fr				
Number of sites evaluated 4				
List all sites numbers, listed conse	equently upstream to	downstream:		
1, 2, 3	,4			
y other items that may be of interest. Subegmentation (fill this section LOCATION COORDINATES (UNIVERSAL TRANS	est.	here subesgmentation is being proposed Downstream Coordinates:		
Upstream Coordinates: UTM X Y		UTM X Y		
HORIZONTAL COLLECTION METHOD (Indicate to Global Positioning Systematics)		e locational data.)	ACCEPTANCE.	
Static Mode		Topographic Map or DRG		
Dynamic Mode (Kinematic)		Aerial Photograph or DOQQ		
Precise Positioning Service		Satellite Imagery		
Signal Averaging	100	Interpolation Other		
Real Time Differential Processing		The second of the second		
HORIZONTAL ACCURACY ESTIMATE			西海 用的设计	
GPS Data Qual	ity	Interpolation Data Quality	m m	
FOM ±	_Meters	Source Map Scale: 1:24,000 1:100,000 Other		
EPE ±Feet (or ±Meters	24 24 24 25 25 25 25 25 25 25 25 25 25 25 25 25	NAMES OF STREET	
PDOP		±Feet or ±Meters		
-	DOT MOUND CITY USFWS, SQUA	REST AREA; SQUAW CREEK TRUC I CREEK NWR	K PLAZA;	
Discharger Permit Number(s): /	noøø89311, Moe	81 0 3 6 8 3, MO Ø 22 2 Z Z		
. UAA Surveyor (please print leg				
Name of Surveyor ALEX BAR		Telephone Number: 816.363.20	096	
Organization/Employer: BWF	SPACE AND ADMINISTRATION			
Position: ENVIRONMENTAL	- SCIENTIST			
m		221 2 700 - 500 7000 0 - 0 0 0 0		
172 E W C 1	eted all sections, che	cked all applicable boxes and that ev	erything is	
omplete.		\$ \$		
- All		Date: 6 14 07		
gned: //w)/\\ February 5 2007		Date. O 11(0)	Page 22	



WBID#	0253
Site#	1

Field Data Sheets for Recreational Use Stream Surveys Data Sheet B - Site Characterization (must be completed for each site)

D-4- 0 Ti	11.11		(Table)	(must t		ed for each s			
Personnel (Data Collectors): RARTLETT ELVNT					266	ocation Descrip	ption (c.g	, road crossing): AST OF CO	ISTONE RD.
Current Weather Conditions: CLEAR - 70°					Facilit	Facility Name: MODOT MOUND CITY REST AREA; SQUAN CREEK NUR			
Weather Condi	tions for Pas				n .	y Maine, TRUC	CK PLAZ	A; USFWS, SQUA	W CREEK NWR
									83, MO Ø I ZZZZØ
Drought Condit	ions?: No d	rought 🗵	: Phase I	コ; Phase II [: Phase III	☐: Phase IV ☐]; Unkno	own 🗆	
Locations	3.								ANDWIN CONTROL OF THE PARTY OF
Site GPS Coo	rdinatas. I I	TA CV.	1 PORMSVE	SE MERCAT	OR PROJECTIO	ON, IN METERS)		ALT ARE CON	
HORIZONTAL C	OCLECTION :	IM A. J	10.11	115		Y: 095	. 239	16	
TOTAL CHIPLE C	Global	Positionio	g System	nethod used to	determine the l	ocational data.)	Commence of	2%。在《其傳出》	THE BARDON
Static Mode	Giodai	r osiborin	y System	(GPS)		1/10		Interpolation	on
Dynamic Mode (K	The same of the sa					Topographic Aerial Photog			
Precise Positionin	g Service					Satellite Imag		oqq	
Signal Averaging						Interpolation			
Real Time Differen	ntial Processin	9	25			-		7 5 177	
HORIZONIAL AC	CURACY EST	MATE :	74. 图7条型	美国的		5 E. S. C.	V 2600 - 100		
	TU F	GPS Dat	a Quality	2 / A	100	1	Ball trafferes Can	Interpolation Data	2000年
FOM	±		Meters			-	-	merpolation Data	Quality
EPE	-	-		(West)	4.0	Source	e Map Scal	e: 1:24,000 1:100,0	00 Other
2230,000	±_	F6	et or ±_	Mete	ers				Charles and Charle
PDOP								Feet or ±_	Meters
otos:						-116-			
Ţ	Jpstream Pho	otos			Downstream	m Photos	58-1		Other Photos
Photo ID#	Pho	oto Purpo:	se	Photo ID# Ph		Photo Purpose	to Purpose Photo ID#		Photo Purpose
253-3,4	TRAN	12-1	4	253-1,2		TRAN B-A			Thota Turpose
es Observed	d*: (Uses :	actually	observe	ed at time	of survey.)	1		
☐ Swimming		TATION STREET, NO. 5.	n diving	753	SCUBA divi		☐ Tubii		D
☐ Wind surfing	g	☐ Kay			Boating				☐ Water skiing
☐ Hunting		☐ Tra			Fishing	☐ Wading		Rafting	
Describe: (Inclu	ide number o	of individ	ials recrea	ting photo-c	risning		Mone of the above idence of recreational uses, etc. Use D		Other:
	ondition		8038/01 7 79 6 00					Attach photos o	
☐ City/county	parks	☐ Play	grounds	☐ MDC	conservation	lands	☐ Urba	n areas	☐ Campgrounds
THE SHOW HAVE BOUNDED.	esses	☐ Stat	e parks	☐ Natio	nal forests		☐ Natur	e trails	☐ Stairs/walkway
L Boating acc	□ No trespass sign □ Fence ☑		ce	X Steep			□ None	of the above	Other:
☐ No trespass :									Ja. Other.
☐ No trespass :			DITC	(5)					877
□ No trespass :	ANNELI	ZED		Н.					
□ Boating acc □ No trespass: Comments: C+ cations of I Roads	ANNELI	teD se*: (a	ttach ph	id .	□ Dock	/nlatform	n re-	controls W.	
No trespass :	Human U	EED se*: (a swings	□ Food	notos) paths/prints	□ NPDI	/platform ES Discharge	Пе	estock Watering	□ RV / ATV Tracks

B for WBID #_cal Dimensions: Is	s there any water p	present at this	t? □ Yes □	No No
ng channel featur	If so, is there an o	bvious curren	t? □ Yes □	No
ng channel featur	If so, is there an o	bvious curren	t? □ Yes □	No
ng channel featur	es:			
ance from access (m)		Length (m)	Median Depth (m	n) Max. Depth (m)
			median pepur (n	i) wax. Depth (iii)
				the second secon
	(=			
ng channel featur	If so, is there an	obvious curr	ent?	□ No
(111)	(Hiddi (III)	Lengur (m.	Median Depth (i	m) Max. Depth (m)
should add up to 100	10/6 \			
% Gravel		7 0 0	C:4 / - 0/ 34 3/	Clay % Bedroo
	Section Control of the Control of th	cal Ki	None 🗆 Othe	
Decision of the second	GWs7/2	7.		
	12/			ar. Brown , 408Bid
	7-1-1-1			er:
.i ⊔ Scun	n 🗆 Foam	X	None	her*
	should add up to 100 % Gravel ote amount of vegeta (Mark all that apply wage	If so, is there an ang channel features: ance from access (m) Width (m) should add up to 100%.) % Gravel Zo % Sand ote amount of vegetation or algal growth OKSERVED (Mark all that apply.) wage Musky Chemi ear Green Gray udge Solids X Fine se	If so, is there an obvious currence of the section	If so, is there an obvious current?

Data Sheet C - Cross-Sectional Depth Measurements (for estimation of median depth)

Stream edg	ge	Rank	Assigned Rank	Sorted depth
sect A wether w	idth 0.7		1.0/	24
2 3.0	m 0.3		1 Channel Fee	dure:
3	0.3	1000	4 KJN //	20%
4 measure			3	
6 0.30	n 0.4		4 Disselved C	Busen
6 apar			5	10
7	0.4		6 10.04	200
8	0.3		7	pen
9	0.3		8	16
10	0.3		9	
	0.7		10	
a BI wetted w	114 17		11	
2 7.9			12 Channel	E1
3	0.4		13 RUN I	Doise:
	0.4		14	7.
9 measure			15 Deschie	12.
			16	Oxygen:
6 apar			17 9.99	
9	0.4		18	ppm
9	0,5		19	10
10	0.5		20	
8	0.3		21	
dC1 Wetted in	1111 55		22	
dC1 Wetted n	141 0.5		23 Channel F	- 4
3	0,0		24 RUN	ante:
4 measurem	4 0.6		25	C-SIPS -
5			26 Dissolved	2
	2.173		·	Nygen
7 apar			. 0,01	23002
9	0.6			por
6 apar 7 8	0.5		n	6
10	0.4			

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth the middle rank is the median depth.

I, the undersigned, hereby affirm to the bes	et of my knowledge, that all information reported on this UA
Signed: MoRA	Date: 6 1 1 27
Organization: BWR CORP.	Position: FNV. SCI.
February 5, 2007	201.201.

Stream	nce from m edge	Depth	Rank	Assigned Rank	Sorted depth
NSect D Wet	d width	0.4			
2	2.8 m	0,6		1 Channel Fo	dure:
5	1 8	0.6		12 KUN (6	7. 80
4 Mes	Unrerrent			3	
6	.28 n	0.6		4 Disselved	Dugen.
6	apart	0,6		3	00
7		0.4		6 9.89	ppn
8		0.7		7	17
9		0.1		8	
10		0.		9	
				10	1
ed E I Well	ed width	0.1		11	
2 3	2 m	0.2		12 Channel	Feature:
3		0.3		13 400	
4 me	asurement	0.4		14	
5 0.	37 m	6.7		15 Dissalvea	Oxugen:
9 9	wart	0.6		16	Oxygen:
		0.6		1.	ppm
9		0.5		18	17
9		0.3		19	
10		0.7		20	
E				21 22	
ed F1 weff	ed width				-
3	2 m	0.3		STORY T	carre:
4	,	0.4			
5 0.7	urements	0.5		26 Deschart	
	5 m	0.10		25 26 Dissalved	Okygen
7	part	0.6) 12-2-01-	. 9.84	
6 a		0.6		1.1.19	por
9		0.6		n	6
10		0.6			
		0.5			

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth

If there is an even number of entries, the median depth corresponds to the arithmetic average of the tw

I, the undersigned, hereby affirm to the he	
I, the undersigned, hereby affirm to the bedatasheet is true and accurate.	est of my knowledge, that all information reported on this UA
Signed:	Date: 6 14/27
Organization: BWR CORP.	
February 5, 2007	Position: ENV. Scl.

Data Sheet C - Cross-Sectional Depth Measurements (for estimation of median depth)

	Distance from Stream edge	Depth	- Sife #_ Rank	Assigned Rank	Code 11
ansect 61	world width	D. Z		gara rank	Sorted depth
2	3.7 m	0.3		1 Channel Fee	1.50
5		0.4		2 Rust	unie:
4	measurements	0.5		3	
5	0.32	0.5		4 Disselved O	2
6	apart			5	xygen
7	The state of	0.5		6 9.99	
8		0.5		7	ppa
9	= 1	0,6		8	1
10		0.4		9	
		0.2		10	
ratt 1	wethed width	0.1		11	-
2	Sio m	0.1			-
3		0.3		12 Channel	Cature:
4	measurement	0.5		14	
5	0.30	0.5			
6	ayart	0.5		16 Prosolved	Dxygen:
5	7			17 9.95	
9				18	ppm
9		0.7		19	la
10	1000	0.1		20	
		0.1		21	
ed II	wetted width	0.7		22	
	3.4 m	0.2		23 Channel F	- hand
3		0.3		24 RUN	alure:
9_	measurements	0.5		25	
5	0.34	0.8		26 Dissolved	00.00
6	apart	0.8		·	Kygen
678		0.7		. 9.92	A London
3		0.6			AM
9		0.4		n	6
10_		0.3			

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two

I, the undersigned hand	g- or the two
datasheet is true and acturate.	st of my knowledge, that all information reported on this UA.
Signed:	200
Organization: BWR CORP.	Date: 6 14 07
February 5, 2007	Position: ENV. SCI.

Data Sheet C - Cross-Sectional Depth Measurements (for estimation of median depth)

<u></u>	Distance from Stream edge	Depth	- Sike #	Assigned Rank	Sorted depth
insect I	welfed width	0.7			put
2	2.6 m	0.6		1 Channel Fe	obin .
5		0,5		2 RUN	TATE.
4	measurements			1 1 4	
5	0.26 n	0.6		4 Dissalved	Burn
6	apart	0.5		5	Jyge k
7	,	0-5		6 9.79	
8		0.3		7	- ppa-
9		0.3		8	- 16
10		0.2		9	
1		0.0		10	
ed KI	wetled width	0.2		11	
2	3.0 m	0.7		12 Channel	Kature:
3		0.3		13 RJN	MINTE:
4	measurements	0 5		14	
5	0.30 m	6.6		15 Dissolver	Oxygen:
4	ayart	0.6		16	Jugen:
7		0,7		1.16	ppm
9		0.5		18	Ponc
9		0.5		19	100
10		0.3		20	
-				21	
ed 1	wetted width			22	
-	n			23 Channel F	cohre.
3				24	
9	measurements			25	
2	-n			26 Dissolved	Okuser
6	apart				Oxygen
6789					pan-
2					167
				n	4
10_					

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two

I, the undersigned, hereby affirm to the be datasheet is true and accurate.	st of my knowledge, that all information reported on this UA.
Signed:	Date: (1407
Organization: EWR. CORP. February 5, 2007	Position: ENV. Sc.L.
1 cordary 3, 2007	999. 201.

WBID#	0253				
Site#	Z				

Field Data Sheets for Recreational Use Stream Surveys Data Sheet B - Site Characterization (must be completed for each site)

Date & Time:	ate & Time: 6 14/67 1100				Site Location Description (c.g., road crossing):					
Personnel (Dat			TIL	740-		N KOVINGTON RD. (SEE MAR & GKS)				
Current Weath	er Condition	IS: CLEAR	5	?o°		Facility Name: MODOT MOUND CITY PEST APEA; SQUAN CREEK THE PERMIT NUMBER: MODER 89311, MODER 3683, MODER 22222				
Weather Condi				enso.		Permit Number MC	DAK SAZ	WS, SQUAW	CREEK NWR	
									5685, 1102 2222	
te Location:	s:	irought Ki;	Phase I	山; Phase l	I □; P	hase III □; Phase IV [□; Unkno	wn 🗆		
LOCATION COO	RDINATES IL	INIVERSAL T	RANSVE	RSE MERC	ATOR P	ROJECTION IN METERS	euro eur		N. O. C. State	
-110 CT D COC	dunates. C	LIVI A. H	0 10	777		V. Dar	22011			
HORIZONTAL C	OLLECTION	METHOD (Inc	icate the	method user	to dete	mine the incational data.	1619	1	ESS BURGLES SERVER	
Static Mode	Global	Positioning	System	(GPS)	To the second	The second secon		Interpolati	OR	
	Dynamic Mode (Kinematic)				-	Topographic	Map or DR	G		
Precise Positionin	g Service					Aerial Photo Satellite Ima		QQ		
Signal Averaging						Interpolation				
Real Time Differe	ntial Processin	ng				Total Control				
HORIZONTAL AS	CURACYES	IMATE OF	Per s	是經濟的			140F-4E	F 主角性性 (2.11年)		
	1 1 1	GPS Data (Quality		e charte			Interpolation Data	Ouality	
FOM	±_		_Meters							
EPE	±_	Fee	t or ±_	М	eters	Source	e Map Scale	: 1:24,000 1:100,0	00 Other	
PDOP							±	Feet or ±_	Meters	
otos:										
Ţ	Jpstream Ph	otos			Do	ownstream Photos	wnstream Photos		Other Photos	
Photo ID#	Ph	oto Purpose		Photo II	Photo ID# Photo Purpo		e Photo ID#			
253 ; 7- 9	TRAN.	5-K	1	25375	25315-10				Photo Purpose	
es Observe	d*: (Uses	actually o	bserv	ed at tin	ne of s	TRAN. B-F	1			
☐ Swimming		☐ Skin o		100		JBA diving	☐ Tubin	-	15	
☐ Wind surfin	g	☐ Kayak		0	☐ Boating		☐ Wading		☐ Water skiing	
☐ Hunting		☐ Trapp	ing		☐ Fishing		Standard		Rafting	
Describe: (Inclu	ide number	of individua	ls recrea	ting, photo	, photo-documentation of evidence		None of the above		Other:	
	ondition					mpede recreationa				
☐ City/county		☐ Playg	rounds	□мп	C cons	ervation lands	☐ Urban areas		☐ Campgrounds	
☐ Boating acc	esses	☐ State	parks	□ Na	tional f	orests	☑ Nature trails		☐ Stairs/walkway	
☐ No trespass sign ☐ Fence ☐			☐ Ste	☐ Steep slopes		☐ None of the above		Other:		
Comments:	SQUAW	CREEK	NL	IR						
ications of	Human L	Jse*: (att	ach pl	notos)			_			
Roads	☐ Rope	V		t paths/pri	nts	☐ Dock/platform	Tour	1 77		
□ Camping Sit			140	-		☐ NPDES Discharge	Thursday are to	estock Watering	□ RV / ATV Tracks	
- camping bit	Camping Sites				I NPINES Disabases	200	ning Tackle	Other:		

						O CHANNEL	EHILLE?
age Two – Data eam Morpholog	Sheet B for	WBID#_Z	53_: SIT	ε # z	2	Run - 100 RIFFLE - Pool -	
Upstream View's	Physical Dim	ensions: Is t	here any water pr	esent at	this view?	Yes □No	
			so, is there an ob				
Select one of the	following chan	nel features	·	vious ct	irrent?	☐ Yes ☐ No	
Channel Feature	Distance from	access (m)	Width (m)	Lengt	h (m)	Median Depth (m)	May Darket
RIFFLE				Deng	ar (m)	(iii)	Max. Depth (m)
RUN							
POOL							
Select one of the	following chan	nel features	If so, is there and	obvious	current?	ew? □ Yes □ No □ Yes □ N	
RIFFLE	Distance from	access (m)	Width (m)	Lengt	th (m)	Median Depth (m)	Max. Depth (m)
RUN							
POOL					-		
bstrate*: (These	values should as	dd up to 1009/	,				
0/ C-bbl	values should at	ad up to 100%	.)				
	n*: (Note amou		30% Sand		So % Silt	40 % Mud/Clay	% Bedro
uatic Vegetatio Nのい	n*: (Note amou	nt of vegetation	on or algal growth a				% Bedro
uatic Vegetatio Nのい	n*: (Note amou	nt of vegetation	on or algal growth a	at the ass	essment site	s)	% Bedro
uatic Vegetatio 心のい ater Characteri	n*: (Note amou	nt of vegetation を	on or algal growth a	at the ass	essment site	Other:	
uatic Vegetatio NON ater Characteric Odor:	n*: (Note amounts) B DBSEP stics*: (Mark a	nt of vegetation を	on or algal growth a	at the ass	essment site	□ Other:	
uatic Vegetatio NON ater Characteric Odor: Color: Bottom Deposit; Surface Deposit:	n*: (Note amou	Il that apply.) Green Solids	□ Chemic □ Gray □ Fine sec	al diments	essment site	Other:	
nuatic Vegetation NON ater Characteris Odor: Color: Bottom Deposit: Surface Deposit: mments: Please his information is not apprehensive underst ision on the recreation	stics*: (Mark a Sewage Clear Clear Cli Sludge Cli attach any ad to be used sole anding of water on use analysis b	Il that apply.) I Musky Green Solids Scum Iditional conditions. Cout may point	Chemic Gray Fine sec Foam To a recreational unonsequently, this into conditions that n	al liments se designation formation deed furth applica	None None None nation but ra	Other: Other: Other: Other: Other: ather is to provide a mended to directly influor that effect another	ence a use.

Data Sheet C - Cross-Sectional Depth Measurements (for estimation of median depth)

Distance fro	om Depth	- Sik #	Assigned Rank	10
Stream edge			A POSIBILET KANK	Sorted depth
sect FI welfod wi	dth 0.3		1.07	
3.7	m 0.5		1 Channel Fra	dure:
5	0,5		LUN KUN	
4 meakiren	rents 0,5		3	
5 8.32	n 0.4	· 8	4 Dissolved O	Burger.
5 8.32 6 apart			5	W
7	0.4		6 (0.04	1
8			7	ppa
9	0.3		8	10
10	0.1		9	
	0.		10	
10 11/11/1	.//		11	
BI Wethed WIL				
	0.3		LIGHT IN I	Cature:
3	0.5		13 KUN	
4 measures	ments - E		14	
5 _0.30	m 0,5		15 Dissolved	Oxygen:
6 grant	0.5		16	Daygen:
	0.5		11	ppm.
9	0.4		18	ppm
9	0.2		19	
10	0.2		20	
2012-2			21	
1 C Wetted wi	411. 0.1		22	
	2.5		23 Channel Fe	catero:
y mensurence	0.4		24 RJN	
4 measuremen	ork 0.4		25	
5 0.25 M	0.4		26 Dissolved	OKUMO
6 apart				rigger
7	0.4		. 7.89	0.00
6 apart	0.4			Am
9	0.5		n	6
10	0.1			

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth the middle rank is the median depth.

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two depth values surrounding the middle rank.

I, the undersigned, hereby affirm to the bes datasheet is true and accurate.	t of my knowledge, that all information reported on this UA.
Signed:	Date: C 14/87
Organization: BWR CORP. February 5, 2007	Position: ENV. SCI.

Page 25

Distance from Stream edge	Depth	Rank	Assigned Rank	Sorted depth
welled width	0.1			
2 7.5 m			1 Channel For	dure:
5	0.4		4 PUN	
Measurement			3	
5 0.75 m	0.5		4 Dissalved C	Xugen.
	0.4		1 3	00
7	a.4		6 9.97	non
8	0.3		7	ppn
9	0.3		8	
10	0.7		9	
			10	7
E I Wetted width	0.7		11	
E 1 Wetted width	0.4		12 Channel	Kapue:
2	0,5		13 400	
4 measurement			14	
5 0.20 m	0.5		15 Dissolved	Oxygen:
6 quart	0.6		16	Ju
	0.6			ppm
9	0.5		18	17
	0.4		19	W
10	0.7		20	
FI Wetted width			21 22	L
F1 Weffed width	0.1			-
			WI WHILL	atire:
4 measurements	0.4		24 EUN	
9 measurements	0,7		26 Decelor	
	0.6		25 26 Dissalved	Okygen
7 apart	0.6		10	UB/6 UF
6 apart 7 8	0.5			por
9	0.6		n	4
10	0,4			
	0.2			

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth

If there is an even number of entries, the median depth corresponds to the arithmetic average of the tw

I, the undersigned, hereby affirm to the be datasheet is true and accurate.	st of my knowledge, that all information reported on this UA
Signed:	Date: 6/14/27
Organization: July CORP. February 5, 2007	Position: FNV. SCI.

10	Distance from Stream edge	Depth	- Sife #_	Assigned Rank	Correct 2 .
ransect 61	wetled width	0.1			
2	2.5 m	6.7		1 Channelte	1
5		0.3		2 PUN	mure:
4	Meak rains to	0.5		4	
5	0.25 m	0.5		4 Dissolved	
6				5 DISSIVED	Xygen
7	apart	0.7		6 9.96	90
ġ		0.6		6 9,95	pea
8		0.6			17
10		0-5		8	
10		0.7		9	
	well 1 11			10	
vea H 1	wethed width	0.1		11	
2	3,0 m	0.4		12 Channel	Katuc:
3		0.7		EUN	
4	measurement	0.7		14	
5	0.50 m	07		15 Dissolves	Denne
9	quart	0.7		16	Oxygen:
1 - CAN C		0,7		17 9.92	1 100
9		0.4		18	ppm
9		O.Z		19	le
10		0, 1		20	
				21	
ved I!	wetted width	0.1		22	
	3.0 m	0.3		23 Channel F	-6
3		0.5		24 PUN	allie:
9_	measurements			25	
5	0.30 m	0.6		26 7 - / 4	7-
6	apart	0.7		·	Oxygen
7		0.1		. 9.89	
6 7 9		51		11. 10/	Am
9		0.6		n	6
10		0.5		"	
		0.1			

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two

I, the undersigned, hereby affirm to the best of m	y knowledge, that all information reported on this UA
Signed:	Date: 6/14/07
Organization: BWR CORP. February 5, 2007	Position: TNY. SCI.

Data Sheet C - Cross-Sectional Depth Measurements (for estimation of median depth)

	Distance from Stream edge	Depth	Sik #_	Assigned Rank	Sorted depth
nsect I	Welled width	0.1		and the second second	
2	2.5 m	0.4		1 Channel Fee	4
5		0,5		2 RUN	mie:
4	measurements	0.5		1 1 3	+
5	0.25 -	0.5		4 Dissalved 0	2
6	apart			5	xygen
7	apari	0.5		6 9.86	
8		0.7		7	ppa
9		0.7		8	14
10		0.4		9	
		0,2	-24	10	
a K	wetted width	0.0		11	
2	L.O M	0,2			-
3		0.3		100011101	Cature:
4	me alone	.)		13 RJN	
5	0.10 n	0.4		15 Deschie	
		0.5		16 PISSOIVED	exygen:
4	gjart	04.0.5		17 9,93	Oxygen:
9		0,4		18	ppm
9		0.4		19	Z
10		0,4		20	
-		0,3		21	
d 1	wetted width			22	
ż	m			23 Channel Fe	
3				24	attre:
4	measurements			25	
5	-h			26 Dissolved	Dr.
6	apart			·	Mygen
7 8					- 02-Unit-1
8					Par
9				n	6
10					

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two

datasheet is true and accurate	e best of my knowledge, that all information reported on this UA
Signed:	
Organization: BWR CORP.	Date: 6/14/07
February 5, 2007	Position: ENV. SCI.

	Da		The second second second	te Charac eted for each		on	
Date & Time: Ma	14/07 1145		Site	Location Desc	ription (c.g	, road crossing): シャルのはでん	20
18.30	ersonnel (Data Collectors): BARTURT & LUNT				TTO, C	DAINGLON	KD,
Transfer out of participation and a series	Commence of the Commence of th	5000	-	(SEE M	AP E G	PS)	T ADDA! SAJANIA
Current Weather Co	nditions: CUEAR ~ 80) <u> </u>	Fac	ility Name:	XK PLAT	EN : USFWS	TAREA; SQUAW CREEK NL
Weather Conditions	for Past 10 days: FAIR	ζ					683, MOX1222
Drought Conditions	: No drought 2; Phase I	7. Phase I		ELLE MEATING TO A CO	THE COME		
te Locations:	. 1.0 drought jag 1 moe 1 c	, 1 11050 1	1 - 1 Hase 1	i Ca, i nase i v	u, onen	WII L	
	ITES (UNIVERSAL TRANSVE	RSE MERCA	ATOR PROJEC	TION, IN METER	RSy		
5333421	ates: UTM X: 40.0%				15.230		THE PARTY OF THE P
The second secon	CTION METHOD (Indicate the	AT I CONTRACTOR OF THE PARTY OF	I to determine t				
NESYS DV JUNE	Global Positioning System		72% V			Interpolati	on
Static Mode	Static Mode				hic Map or D	The same of the sa	
Dynamic Mode (Kinem Precise Positioning Ser	and the same of th		_		otograph or D	OQQ	
Signal Averaging	vice			Satellite I	magery tion Other		
Real Time Differential I	Processing			240300	John Other	F-52-2-2-2-1	CATE AND RESIDENCE
	ACY ESTIMATE	04,000 EE25					100 C C C C C C C C C C C C C C C C C C
	GPS Data Quality	704		e i Nadari		Interpolation Dat	CONTRACTOR OF THE PROPERTY OF
FOM	±Meters	2	ASS 24 SA	414 M. A. S. S.	MO - 52-74 (2-12-12-12-12-12-12-12-12-12-12-12-12-12	1.0	
EPE	± Feet or ±	M	feters	— Sc	urce Map Sca	ale: 1:24,000 1:100,0	000 Other
PDOP	reet or E_		reters		±.	Feet or ±	Meters
otos:	1000		SUN-1ST				
	ream Photos		Downs	tream Photos			Other Photos
Photo ID#	Photo Purpose	Photo 1			nose	Photo ID#	Photo Purpose
	TRAN J.K	753 -	0.1	_		THOID ID!	Thoto Tulpose
2014.00	(Uses actually observ	272	1,700	RAN E). V		
Swimming	☐ Skin diving		□ SCUBA		□ Tul	ving	☐ Water skiing
☐ Wind surfing	☐ Kayaking		☐ Boating	ar mg	□ Wa		☐ Rafting
☐ Hunting	☐ Trapping		☐ Fishing		None of the above		Other:
Describe: (Include	number of individuals recre n conducting interviews.)	eating, pho		ation of evider			
Ose Trace view wife	i conducting litter views.)						
urrounding Con	nditions*: (Mark all t erest.)	hat prom	ote or imp	ede recreati	onal uses.	Attach photos	of evidence or
☐ City/county pa		s Пм	IDC conserva	ntion lands	□ Ur	ban areas	☐ Campgrounds
FI parenters	es 🗆 State parks		Vational fores	ts	⊠ Na	ture trails	☐ Stairs/walkway
☐ Boating access		☐ State parks ☐ National for ☐ Fence ☐ Steep slop		paret.	Nature trails ☐ None of the above		THE PROPERTY OF PROPERTY OF THE PARTY OF THE

Indications of Human Use*: (attach photos)

☐ Rope swings

KOUINGTON

Comments:

Roads

Comments:

☐ Camping Sites

SQUAN CREEK NWR

☐ Foot paths/prints

☐ Fire pit/ring

☐ Dock/platform

☐ NPDES Discharge

☐ Livestock Watering

☐ Fishing Tackle

RV / ATV Tracks

Other:

Page Two - Data Sheet B for WBID # 2 \leq 3 : RUN : DO POOL : P							UNEL FEATUR	E:
Upstream View's Physical Dimensions: Is there any water present at this view? Yes No If so, is there any obvious current? Yes No No No No No No No N	age Two - Data	Sheet R for WRI	m# 25	7 .		200000000000000000000000000000000000000	1079	
Upstream View's Physical Dimensions: Is there any water present at this view?			W # 23	<u> </u>				
If so, is there an obvious current? Yes No Select one of the following channel features: Channel Feature Distance from access (m) Width (m) Length (m) Median Depth (m) Max. Depth (r. RIFFLE RUN POOL	Upstream View's	Physical Dimensi	ons: Is then	e any water pr	esent at t	his view?	☐ Yes ☐ No	
Select one of the following channel features: Channel Feature Distance from access (m) Width (m) Length (m) Median Depth (m) Max. Depth (n)								
RIFFLE RUN POOL Downstream View's Physical Dimensions: Is there any water present at this view?		ollowing channel				5570387		
BUN POOL Downstream View's Physical Dimensions: Is there any water present at this view? Yes No If so, is there an obvious current? Yes No Select one of the following channel features: Channel Feature Distance from access (m) Width (m) Length (m) Median Depth (m) Max. Depth (RIFFLE RUN POOL bbstrate*: (These values should add up to 100%.)		Distance from acces	ss (m)	Width (m)	Length	(m)	Median Depth (m)	Max, Depth (m)
Downstream View's Physical Dimensions: Is there any water present at this view? Yes	B030303752							
Downstream View's Physical Dimensions: Is there any water present at this view? Yes No								
If so, is there an obvious current?	POOL							
RIFFLE RUN POOL bstrate*: (These values should add up to 100%.) % Cobble	Select one of the f	ollowing channel	If features:	so, is there an	obvious	current?	□ Yes □ No	0
POOL		Distance from acce	55 (III)	widin (m)	Lengt	1 (m)	Median Depth (m)	Max. Depth (m)
Sewage	RUN					-		
*** Cobble	POOL				-	-		
% Cobble % Gravel	bstrate*: (These	values should add u	to 100%)					
No NE Obstrued Sewage	CONTRACTOR OF THE PERSON NAMED IN COLUMN 1			3 0 % Sand	11	rs % Silt	Zct % Mud/Clay	% Red
Odor: □ Sewage □ Musky □ Chemical □ None □ Other: Color: □ Clear □ Green □ Gray □ Milky ☑ Other: 万山山 Bottom Deposit: □ Sludge □ Solids ☑ Fine sediments □ None □ Other: Surface Deposit: □ Oil □ Scum □ Foam ☑ None □ Other:	ater Characteris	stics** (Mark all th	at apply)					
Bottom Deposit: Sludge Solids Fine sediments None Other: Surface Deposit: Oil Scum Foam None Other:		Plant was about a first of	CONTRACTOR OF THE PARTY OF THE	☐ Chemi	cal	₩ None	☐ Other:	
Bottom Deposit: ☐ Sludge ☐ Solids ☐ Fine sediments ☐ None ☐ Other: Surface Deposit: ☐ Oil ☐ Scum ☐ Foam ☐ None ☐ Other:	Color:	☐ Clear	☐ Green	☐ Gray	#	☐ Milky	Other: P	rown. Turbin
Letter Le	Bottom Deposit:	☐ Sludge	☐ Solids	Fine se	diments	□ None		
omments: Please attach any additional comments () to this form	Surface Deposit:	□ Oil	□ Scum	☐ Foam		None	☐ Other:	
on ments. I lease attach any additional comments () to this form.	omments: Please	attach any addit	ional com	ments () to thi	is form.			
	ecision on the recreati	ion use analysis but	may point to	conditions that	need furt	her analysi	s or that effect another	use.
ecision on the recreation use analysis but may point to conditions that need further analysis or that effect another use.	lease verify that yo	ou have complete	d all sectio	ns, checked al				ıg is complete.
omprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a ecision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. lease verify that you have completed all sections, checked all applicable boxes and that everything is complete.	urveyor's Signature	: Aho Sitt	-		Date	e of Surve	y: 6/14/07	
ecision on the recreation use analysis but may point to conditions that need further analysis or that effect another use.	rganization:	3WZ COR9			Positio	on: EN	N. SCI.	

Distance from	Depth	Rank	Assi	gned Rank	Sorted depth
Stream edge			11331	gued Rank	Sorted depth
A WETTED WIDT	4 0,2		1	CHANNEL	FEATURE:
2 2.9 m	0,3		2	RUN	
3	0.6		3		
4 MEASUREMENTS	0.7		4	DISSOLUED	OXYGEN:
5 0.24 M	0.7		5	9.92	PPM
6 APART	0.6		6		70
7	0.6		7		1.5
8			8		
9	0.6		9		
(0	0.3		10		
			11		
B WETTED WIDT	H 0,Z		12	CHANNEL	FEATURE:
0 2 3,0 M	0.4		13	RUN	- November
T-100 C	0.5		14		
4 MEASUREMEN			15	DISSOLUE	D OXYGEN:
5 0.30 M	0.5		16		
G APART 7	0.5		17	9.76	PPM
7	0.5		18		
8	0.5		19		%
117.50	0.5		20		
10	0.3		21		
			22	CHANNE	FEATURE:
C I WETTED WIT	OTH O.I		23	RUN	
2 2.8	M 0.7		24	13	
3	0.1		25	DISSOLV	ED OXYGEN:
4 MEASUREME	NTS 0.5		26	- 8	1
5 0.28	m 0.6			9.77	PPM
6 APART	0.5		1 12		
7 8 9	0.5				%
8	0.4		n		
9	0.4				
10	0. Z				

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth to the middle rank is the median depth.

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two depth values surrounding the middle rank.

I, the undersigned, hereby affin	n to the best of my knowledge, that all information reported on this UA	A
datasheet is true and accurate.	h .a	
Signed:	Date: 6 14 07	

Position: FNV. SCI.

		WBID# 25-	SITE #_	_3	
	Distance from Stream edge	Depth	Rank	Assigned Rank	Sorted depth
Di	METTED WIDTH	0.1		1 CHANNEL	FEATURE :
-	3.0 M	0.3		2 Run	
3		0,5		3	
4	MEASUREMENTS	0.6		4 DISSOLVE	D OXYGEN:
5		0.6		5 9.61	PPM
6	APART	0.6		6	
7	02000 21", 50	0.5		7	7.
8		0.5		8	
9		0.4		9	
10		0.2		10	
				11	
E	WETTED WIDTH	0,7		12 CHANNE	L FEATURE:
2	3.7 M	0.5		13 RUN	TOME
		0.6		14	
4	MEASUREMENTS	0.6		15 DISSOLVE	ED OXYGEN:
5	0.32 M	6.4		16 9.71	PPM
4		0.6		17	
9	7	0.6		18	7.
		0.6		19	
9		0.4		20	
L	0	0.1		21	
				22	
F	WEITED WILL	0.1		23 CHANNE	L FEATURE :
	1 1 1	0.3		24 RUN	1
3	3	0.5		25	
	4 MEASUREMENTS	0.6		26 DISSOL	DED OXYGEN
	5 0.70 M	0.6		9.81	PPM
	ARAPT	6.6			V-11.000-00
	7	0.6			7.
	8	0.6		n	
	9	0.3			No. of the last of
	10	0.			

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth to the middle rank is the median depth.

I, the undersigned, hereby affirm to the best datasheet is true and accurate.	t of my knowledge, that all information reported on this UAA
Signed:	Date: 6 14 07
Organization: BUX COFF.	Position: ENI. SCI.
February 5, 2007	Page 25

Data Sheet C - Cross-Sectional Depth Measurements (for estimation of median depth)

100 N C S S S S S S S S S S S S S S S S S S	ce from	Depth WBID #	Rank	SITE#Assi	gned Rank	Sorted depth
Stream	D WIDTH	0.1		1	CILA	CELOUDE .
G 1 WETT	6 M	0.3		2	CHANNEL	reatione.
3		0.4		3	RUN	
	REMENTS	0.4	Vale - IV	4	NICCOL 115	227621
	The M	0.4		5	DISSOLVE	D OXYGEN:
	RT	0.4		6	9.64	PPM
7	(F)	0.4		7	-101	11/1
8		0.5		8		%
9		0,3		9		10
10		D, Ž		10		
		072		11		
H & WETT	HTOIN DE	0.1		12	CHANNEL	FEATURE:
H 2 3	0 M	0.3		13	RUN	TUTTOFC
3		0.5		14	P-12	
4 MEAS	UREMENTS	0.6		15	DISSOLU	ED DXYGEN
5	M	0.6		16	15.050	Jo o jack
6 APA	HRT	0.6		17	9.60	PPM
7		0.6		18	-	
8	3.00	0.5		19		7.
9		0.2		20		
10		0.2		21		
Vii sila				22		
	HTOIN (13	0.1		23	CHAMNEL	FEATURE :
	·8 M	0.3		24	GLA	
3		0.5		25		
	DREMENTS	0.5		26	DISSOLV	ED OXYGEN.
	28 M	0.5		1.50		
G ARAS	25	0.5			9.74	PPM
7		0.5				
8	-:+	0,5		n		70
1		0.4	Y			
10		0.1				

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth to the middle rank is the median depth.

I, the undersigned, hereby affirm to the bedatasheet is true and accurate.	est of my knowledge, that all information reported on this UA
Signed:	Date: 6 14 07
Organization: BWR CORP.	Position: _ JUL Scl .
February 5, 2007	Page 25

Distance from Stream edge	Depth	Rank	Assigned Rank	Sorted depth
WETTED WIDTH	0,1		1 CHANNEL	FEATURE :
2.5 M	0.5		2 RUN	TOTTORC .
	0.5		3	
MEASUREMENTS				D OXYGEN
0.25 M	0.5		5 9.69	PPM
APART	0.5		6	
	0.5		7	7.
	0.5		8	10
	0.4		9	
	0.2		10	
			11	
WETTED WIDTH	0:2		12 CHANNEL	FEATURE :
WETTED WIDTH	0.5		13 800	
	0.6		14	
MEASUREMENTS	0.6		15 DISSOLV	ED OXYGEN
0.20 M	0.5		16	
APART	0.6		17 9.73	PPM
3	0.7		18	
	0.6		19	%
1	0.5		20	
0	0.2		21	
			22	
			23	
			24	
			25	
			26	
		/4//		
				II SAN TENERS
			n	
		-		

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth to the middle rank is the median depth.

I, the undersigned, hereby affirm to the b datasheet is frue and accurate.	est of my knowledge, that all information reported on this UAA
Signed:	Date: 6 14 07
Organization: EWR CORP	Position: Edil. SCI.
February 5, 2007	Page 25

WBID#	0253
Site#	4

Field Data Sheets for Recreational Use Stream Surveys Data Sheet B - Site Characterization

(must be completed for each site) Date & Time: 6 Site Location Description (e.g., road crossing): NEXT TO KOUINGTON RD. - SOUTH Personnel (Data Collectors): BARTUETT & LUNT (SEE MAP & GPS) Facility Name: MODOT MOUND CITY REST AREA: SQUAW FACILITY NAME: MODOT MOUND CITY REST AREA: SQUAW (REEK N Current Weather Conditions: CLVAR ~60° Weather Conditions for Past 10 days: TAIR Permit Number: MO 8089311, MOD 103683, MOD 122220 Drought Conditions?: No drought Ø; Phase I □; Phase II □; Phase III □; Phase IV □; Unknown □ Site Locations: LOCATION COORDINATES (UNIVERSAL TRANSVERSE MERCATOR PROJECTION, IN METERS) Site GPS Coordinates: UTM X: 40.05 07% Y: 095, Z47 HORIZONTAL COLLECTION METHOD (Indicate the method used to determine the to Global Positioning System (GPS) Interpolation Static Mode Topographic Map or DRG Dynamic Mode (Kinematic) Aerial Photograph or DOQQ Precise Positioning Service Satellite Imagery Signal Averaging Interpolation Other Real Time Differential Processing HORIZONTAL ACCURACY ESTIMATE **GPS Data Quality** Interpolation Data Quality FOM ± Meters Source Map Scale: 1:24,000 1:100,000 Other EPE ± Feet or ± Meters _Feet or ± PDOP Photos: Upstream Photos Downstream Photos Other Photos Photo ID# Photo Purpose Photo ID# Photo Purpose Photo ID# Photo Purpose 253:15,16 Z63 - 13, 14 TRAN J-1 TRAN B-A Uses Observed*: (Uses actually observed at time of survey.) ☐ Swimming ☐ Skin diving ☐ SCUBA diving ☐ Water skiing ☐ Tubing ☐ Wind surfing ☐ Kayaking ☐ Boating □ Wading ☐ Rafting None of the above ☐ Hunting ☐ Trapping ☐ Fishing Other: Describe: (Include number of individuals recreating, photo-documentation of evidence of recreational uses, etc. Use Data Sheet D- Recreational Use Interview when conducting interviews.) Surrounding Conditions*: (Mark all that promote or impede recreational uses. Attach photos of evidence or unusual items of interest.) ☐ City/county parks □ Playgrounds ☐ MDC conservation lands □ Urban areas □ Campgrounds □ Boating accesses ☐ State parks □ National forests Nature trails ☐ Stairs/walkway □ No trespass sign ☐ Fence ☐ Steep slopes ☐ None of the above Other: Comments: SQUAW CREEK NWR Indications of Human Use*: (attach photos) Roads ☐ Rope swings ☐ Foot paths/prints □ Dock/platform ☐ Livestock Watering RV / ATV Tracks □ Camping Sites ☐ NPDES Discharge ☐ Fire pit/ring ☐ Fishing Tackle Other: Comments: KOVINGTON RD.

Upstream View's Physical Dimensions: Is there any water present at this view? Yes No If so, is there an obvious current? Yes No No No No No No No N	eam Morphology	Sheet B for W	BID # Z	53 : Sine	ti.	RUN:	100	
If so, is there an obvious current? Yes No								
Description Distance from access (m) Width (m) Length (m) Median Depth (m) Max. Depth (m) POOL Downstream View's Physical Dimensions: Is there any water present at this view? Yes No If So, is there an obvious current? Yes No Select one of the following channel features: Channel Feature Distance from access (m) Width (m) Length (m) Median Depth (m) Max. Depth (m)	patream view s	i nysicai Dinici						
Channel Feature RIFFLE RUN POOL Downstream View's Physical Dimensions: Is there any water present at this view? Yes No	coloct one of the fo	llowing chann		The state of the s	lous curren	(? L	Yes 🗆 No	
RIFILE RUN POOL Downstream View's Physical Dimensions: Is there any water present at this view? Yes No					Length (m)	Medi	ian Depth (m)	Max Denth (m
POOL	RIFFLE			(11)				Transfer (III
Downstream View's Physical Dimensions: Is there any water present at this view?	RUN							
If so, is there an obvious current?	POOL			34 23				
Doct Server Server Server Solids Sol	Channel Feature				Length (m) Med	dian Depth (m)	Max. Depth (n
Sewage	ar and the second second	1				-		-
### Scobble % Gravel 36% Sand 56 % Silt Zo % Mud/Clay % B ### Score Score Score Score Score ### Score Scor	POOL	 				_		
### Scobble % Gravel 36% Sand 56 % Silt Zo % Mud/Clay % B ### Score Score Score Score Score ### Score Scor	hstrate*: (These	values should add	d up to 100%	`				
Autor Characteristics*: (Mark all that apply.) Odor:	The second second second			The state of the s	500	4 Silt 7	o % Mud/Clay	% Re
Odor: Sewage Musky Chemical None Other: Color: Clear Green Gray Milky Other: Proup TJR Bottom Deposit: Sludge Solids Fine sediments None Other: Surface Deposit: Oil Scum Foam None Other: omments: Please attach any additional comments () to this form. his information is not to be used solely for removal of a recreational use designation but rather is to provide a more inprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a cision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. Page verify that you have completed all sections, checked all applicable boxes and that everything is completed and applicable boxes are surveyor's Signature: Date of Survey: 6 14 27	uatic Vegetation				at the assessm	ent site)		
Bottom Deposit: Sludge Solids Fine sediments None Other: Surface Deposit: Oil Scum Foam None Other: Omments: Please attach any additional comments () to this form. This information is not to be used solely for removal of a recreational use designation but rather is to provide a more imprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a cision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. Bottom Deposit: None Other: Other: Date of Survey: GIMBOTTOM DEPOSITE OF THE OTHER DEP		None	OBSER	UED	at the assessm	ent site)		
Surface Deposit: Oil Scum Foam None Other: omments: Please attach any additional comments () to this form. his information is not to be used solely for removal of a recreational use designation but rather is to provide a more imprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a cision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. ease verify that you have completed all sections, checked all applicable boxes and that everything is completed arrows or Signature: Date of Survey: 6 14 57	ater Characteris	Non€ stics*: (Mark al	OBSER	VED			☐ Other:	
omments: Please attach any additional comments () to this form. his information is not to be used solely for removal of a recreational use designation but rather is to provide a more imprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a cision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. Lease verify that you have completed all sections, checked all applicable boxes and that everything is completely arveyor's Signature: Date of Survey: Date of Survey:	ater Characteris Odor: Color:	None stics*: (Mark al Sewage	OBSER	U≥TO ☐ Chemic	cal 🗵	None		EDILT, MUDS
his information is not to be used solely for removal of a recreational use designation but rather is to provide a more imprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a cision on the recreation use analysis but may point to conditions that need further analysis or that effect another use. The ease verify that you have completed all sections, checked all applicable boxes and that everything is completed arreveyor's Signature: Date of Survey: Date of Survey:	ater Characteris Odor: Color:	None stics*: (Mark al Sewage	OBSER I that apply.) □ Musky □ Green	U≥TO ☐ Chemic ☐ Gray	eal 🗵	None Milky	☑ Other: 🖺	BONN, TURS
irveyor's Signature:	Odor: Color: Bottom Deposit: Surface Deposit:	Sewage Clear Sludge	I that apply.) Musky Green Solids Scum	☐ Chemic ☐ Gray ☐ Fine se	cal 🗵	None Milky None	☑ Other: ☐ Other:	POWN, TURB
organization: JUR CORP. Position: ENV. SCI.	odor: Color: Bottom Deposit: Surface Deposit: Omments: Please his information is no imprehensive underst cision on the recreati	Stics*: (Mark al Sewage Clear Sludge Oil attach any added to be used sole anding of water of ion use analysis because the control of the	I that apply.) Musky Green Solids Scum ditional conditions. Cout may point	Chemic Gray Fine se Foam mments () to this alof a recreational Consequently, this is to conditions that	diments s form. use designation formation is need further	None Milky None None on but rather not intended analysis or the	Other: Other: Other:	more uence a r use.

Data Sheet C - Cross-Sectional Depth Measurements (for estimation of median depth)

D:		263	SITE #	4		
Distance Stream e	5.7	Depth	Rank	Assi	gned Rank	Sorted depth
A WETTED	HIDIH	0.5		1	CHANNEL	FEATURE:
7 3.0	M_	0.6		2	RUN	
3		0.6		3		
4 MEASUREA	MENTS	0,6		4	DISSOLUED	OXYGEN:
	_ MC	0.6		5	9.29	PPM
6 APART		0,6		6		70
7		0,5		7		
8		0.6		8		
9		0.5		9		
(0)		0.4		10		
	- Koralika			11		
B WETTED	MIDTH	0.1		12	CHANNEL	FEATURE:
0 2 3.7		6.7		13	RUN	The control of the co
1000		0.6		14		
4 MEASURE	EMENTS	0.6		15	DISSOLVE	D OXYGEN:
	_ M	0.6		16		- 2000-000-000
6 APAR	7	0.6		17	9.35	PPM
7		0.4		18	The state of	
		0.2		19		%
9	71	0.7		20	£9	
10		0.1		21		
Now 2				22	CHANNEL	FEATURE:
C WETTER	HTOIW O	6.1		23	RUN	A STATE OF THE STA
2 3.0	D_M	0.5		24		
		0.5		25	DISSOLV	ED OXYGEN:
V-2-201	REMENTS	0.5		26		
5 0.3		0.6			9.74	PPM
6 APAS	25	0.5			80	
7					V	%
8		0.4		n		
9		0-3				
10		0.1				

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth to the middle rank is the median depth.

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two depth values surrounding the middle rank.

I, the undersigned, hereby affirm to th	e best of my knowledge, that all information reported on this UAA
datasheet is true and accurate.	1 .
Signed:	Date: 6/14/07
1. 2.4.1	

Position: ENV. Scl.

February 5, 2007

Organization:

		WBID# 253	SITE #_	4	
	Distance from Stream edge	Depth	Rank	Assigned Rank	Sorted depth
0 1	HTGIN GETTEN	O.Z		1 CHANNEL	FEATURE :
2	4.0 M	0.6		2 RUN	
3		0.5		3	
4	MEASUREMENTS	0.7		4 DISSOLVE	D OXYGEN:
5	0.40 M	0.7		5 9.10	PPM
6	APART	0.4		6	
7	0.8	D.6		7	7.
8		0.5		8	1
9		0,4		9	
10		0.3		10	
				11	
EI	WETTED WIDTH	0.3			L FEATURE:
2 3	3.5 M	0,5		13 RUN	- TOTTORE
3		0,5		14	
4	MEASUREMENTS	0.6			DOXYGEN:
5	0.35 M	0.7		16 7.34	PPM
6		0.7		17	
7		0.6		18	7.
8	3	6.4		19	
9	,	0.3		20	
10		0.2		21	
				22	
F	WETTED WIDTH	6.7		23 CHANNE	L FEATURE:
F 7	3.8_ M	0,5		24 RUN	- I GIII GEO
3		0.6		25	
L	+ MEASUREMENTS				DED OXYGEN
4	5 0.38 M	0.7		9,36	PPM
(ARART	0.7			
25	7	0.7			7.
	8	0.6		n	
	9	0.6			
1	10	0.3			

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth to the middle rank is the median depth.

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two depth values surrounding the middle rank.

datasheet is true and accurate.	best of my knowledge, that all information reported on this UAA
Signed:	Date:
Organization: But CORR.	Position: TNV. Scl.
February 5, 2007	Page 25

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Data Sheet C - Cross-Sectional Depth Measurements (for estimation of median depth)

34			753	SITE# 4		
	Distance from Stream edge	Depth	Rank	Assign	ed Rank	Sorted depth
TG 2	HETTED WIDTH	0,7		1 CH	ANNEL !	FEATURE:
	4.0 M	0.7			RUN	
3		0.6		3		ľ
4	MEASUREMENTS	0.6		4 P	ISSOLVE	D OXYGEN:
5	0.40 M	0.5		5		
6	APART	0,5	U	6	9.37	PPM
7		0.6		7		
8		0.4		8		%
9		0.2		9		
10		0.2		10		
				11		
HI	WETTED WIDTH	0.3			HANNEL	FEATURE :
H 2	3.5 M	0.6		13	RUN	1011000
3		0.7		14		
4	MEASUREMENTS				DISSOLU	ED DXYGEN:
5	0.35 M	0.6		16	5.05	1 1 1 1 1 1
6		0.5		17	9.31	PPM
7		0.5		18		
8		0,5		19		7.
9		0.4		20		1,0
10		6.4		21		
				22		
TII	WETTED WIDTH	0.4		23 6	HANNEL	FEATURE :
1 2	4,2 M	0.6		24	RUN	
		0.6		25		
L	MEASUREMENTS	0.6			DISSOLV	ED OXYGEN:
4		0.5			21375	
G		0.5			9.18	PPM
7		0.5				
4	8	0.5		n		%
•	1	0.4				1.6
t	0	0.3				

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth to the middle rank is the median depth.

I, the undersigned, hereby affirm to the best datasheet is true and accurate.	of my knowledge, that all information reported on this U	JAA
Signed:	Date: 6/14/07	
Organization: Zwk CORR.	Position: ENV. SCI	
February 5, 2007	Page 25	

1 BIN# 0/3

Stream edge	Depth	Rank	Assigned Rank	Sorted depth
WETTED WIDTH	0.4	1	1 CHANNEL	FEATURE :
4.5 M	0.6		2 RUN	1000
3	0.6		3	
MEASUREMENTS 0.42 M	0,6		4 DISSOLV	ED OXYGEN:
0.45 M	0.6		5 9.42	PPM
APART	0.6		6	
	0.6		7	7.
3	0.4		8	
1	0,7		9	
	0.7		10	
			11	
WETTED WIDTH	0.4		12 CHANNE	L FEATURE :
3.0 M	0.4		13 RJN	
3	0.3		14	
MEASUREMENTS	<0.1		15 DISSOL	IED OXYGEN
030 M	(0,1		16	
APART	0.5		17 9.41	_ PPM
8	0,6		18	
	0.6		19	%
9	0,4		20	
0	0,3		21	
			22	
			23	
			24	
	9		25	
			26	
			- ×	
	4			
			n	

If there is an odd number of entries find middle rank [(n+1)/2]. The corresponding sorted value depth to the middle rank is the median depth.

If there is an even number of entries, the median depth corresponds to the arithmetic average of the two depth values surrounding the middle rank.

	o the best of my knowledge, that all information reported on this UAA
datasheet is true and accurate.	T v
Signed:	Date: 6 14 07
	31 1

Position: thy. Sc1.





Upstream (Site 1) of Davis Creek Ditch



Downstream (Site 1) of Davis Creek Ditch



Upstream (Site 1) of Davis Creek Ditch





Downstream (Site 2) of Davis Creek Ditch



Downstream (Site 2) of Davis Creek Ditch



Upstream (Site 2) of Davis Creek Ditch

Upstream (Site 2) of Davis Creek Ditch



Downstream (Site 3) of Davis Creek Ditch





Upstream (Site 3) of Davis Creek Ditch



Upstream (Site 3) of Davis Creek Ditch



Downstream (Site 4) of Davis Creek Ditch



Upstream (Site 4) of Davis Creek Ditch



Downstream (Site 4) of Davis Creek Ditch



Upstream (Site 4) of Davis Creek Ditch